

IN THE CLAIMS:

This listing supersedes and replaces all prior claim listings. Please amend claims 8 and 11-13 as follows:

Claims 1-7 (Canceled)

8. (Currently Amended) An information process apparatus that manages data recorded on a record medium, comprising:

information obtainment means for obtaining reproduction information necessary to reproduce the data when the data are recorded, said ~~reproduction information~~ data being setup ~~information about~~ low resolution of the data and ~~encoding of the~~ video and audio data;

generation means for generating a first management file with which data that compose each clip that is a predetermined structural unit of data are managed, the first management file describing (a) (1) the reproduction information of data that compose the clip and (b) (2) an identifier that uniquely identifies data that compose the clip;

registration means for ~~registering~~ updating management information ~~of the clip~~ for all clips, composed of (a) the reproduction information of data that compose ~~[[the]]~~ each clip, (b) the unique identifier of data that compose ~~[[the]]~~ each clip, and (c) information that represents a recorded position of data that compose ~~[[the]]~~ each clip, to a second management file with which all clips recorded on the record medium are totally managed; and

successive reproduction means for successively reproducing data that compose all the clips recorded on the record medium in an order of recordation according to the first management file or the second management file,

wherein when the record medium is loaded, the second management file is read from the record medium and stored to a memory and when a clip to be reproduced is designated, the first management file is read from the record medium and stored to the memory.

9. (Previously Presented) The information process apparatus as set forth in claim 8,

wherein the registration means registers the management information of the clip to the last end of the second management file.

10. (Previously Presented) The information process apparatus as set forth in claim 8, further comprising:

reproduction means for reproducing data that compose the clip according to the first management file or the second management file.

11. (Currently Amended) An information process method of managing data recorded on a record medium, comprising the steps of:

obtaining reproduction information necessary to reproduce the data when the data are recorded, said reproduction information data being ~~setup information about low~~ resolution [[of the]] data and ~~encoding of the~~ video and audio data;

generating a first management file with which data that compose each clip that is a predetermined structural unit of data are managed, the first management file describing (a) (1) the reproduction information of data that compose the clip and (b) (2) an identifier that uniquely identifies data that compose the clip;

~~registering updating~~ management information ~~of the clip for all clips~~, composed of (a) the reproduction information of data that compose ~~[[the]]~~ each clip, (b) the unique identifier of data that compose ~~[[the]]~~ each clip, and (c) information that represents a recorded position of data that compose ~~[[the]]~~ each clip, to a second management file with which all clips recorded on the record medium are totally managed; and

successively reproducing data that compose all the clips recorded on the record medium in an order of recordation according to the first management file or the second management file,

wherein when the record medium is loaded, the second management file is read from the record medium and stored to a memory and when a clip to be reproduced is designated, the first management file is read from the record medium and stored to the memory.

12. (Currently Amended) A program record medium on which a computer readable program is recorded, the program causing a computer to perform an information process that manages data recorded on a record medium, the program comprising the steps of:

obtaining reproduction information necessary to reproduce the data when the data are recorded, said ~~reproduction information data~~ being setup information about low resolution ~~[[of the]]~~ data and ~~encoding of the~~ video and audio data;

generating a first management file with which data that compose each clip that is a predetermined structural unit of data are managed, the first management file describing (a) (1) the reproduction information of data that compose the clip and (b) (2) an identifier that uniquely identifies data that compose the clip;

~~registering updating~~ management information ~~of the clip for all clips~~ composed of (a) the reproduction information of data that compose ~~[[the]]~~ each clip, (b) the unique identifier of data

that compose [[the]] each clip, and (c) information that represents a recorded position of data that compose [[the]] each clip, to a second management file with which all clips recorded on the record medium are totally managed; and

successively reproducing data that compose all the clips recorded on the record medium in an order of recordation according to the first management file or the second management file,

wherein when the record medium is loaded, the second management file is read from the record medium and stored to a memory and when a clip to be reproduced is designated, the first management file is read from the record medium and stored to the memory.

13. (Currently Amended) A computer implemented program that causes a computer to perform an information process that manages data recorded on a record medium, the program comprising the steps of:

obtaining reproduction information necessary to reproduce the data when the data are recorded, said ~~reproduction information data~~ being setup information about low resolution of the data and encoding of the audio and video data;

generating a first management file with which data that compose each clip that is a predetermined structural unit of data are managed, the first management file describing (a) (1) the reproduction information of data that compose the clip and (b) (2) an identifier that uniquely identifies data that compose the clip;

~~registering~~ updating management information ~~of the clip for all clips~~, composed of (a) the reproduction information of data that compose [[the]] each clip, (b) the unique identifier of data that compose [[the]] each clip, and (c) information that represents a recorded position of data that

compose [[the]] each clip, to a second management file with which all clips recorded on the record medium are totally managed; and

successively reproducing data that compose all the clips recorded on the record medium in an order of recordation according to the first management file or the second management file,

wherein when the record medium is loaded, the second management file is read from the record medium and stored to a memory and when a clip to be reproduced is designated, the first management file is read from the record medium and stored to the memory.